

REMARKS

Initially, applicant would like to thank Examiner Rashid for indicating that claims 1 and 10-12 are allowed.

Also, applicant would like to thank Examiner Rashid and his Primary Examiner Kassa for the courtesy they extended to the applicant's representative during the interview of November 27, 2007, which was conducted following the formal submission of an amendatory response (Amendment-C of November 12, 2007) to the final Office Action of August 13, 2007.

During the interview, amended independent claim 1, as of the Amendment-C of November 12, 2007, was discussed; and an agreement was reached that the amended claim 1 places the claimed invention in better condition over the disclosure of Taniguchi.

Upon entry of the present Amendment-D, claims 1-5, 7 and 10-14 are pending in the application, of which claims 1-3 and 7 are independent. Claims 2-4 and 7 have been amended by the present Amendment-D. Claims 6, 8 and 9 have been withdrawn by the Examiner in connection with a previously imposed Restriction Requirement.

The above-identified Office Action has been reviewed, the references carefully considered, and the Examiner's comments carefully weighed. In view thereof, the present Amendment-D is submitted.

It is contended that by the present Amendment-D, all bases of objections and rejections set forth in the Office Action have been traversed and overcome. Accordingly, reconsideration

and withdrawal of the rejection is respectfully requested.

Amendments Presented

In the Claims: Claim 2 has been amended by further defining that the displacement of the incident beam of light relative to the reference point is a discrepancy of the incident beam of light relative to an optical center of a lens of the camera unit; and that the discrepancy is a minimum distance between the optical center and the incident beam of light.

Claim 3 has been amended by further specifying the displacement of the incident beam indicates a discrepancy of the incident beam of light penetrating a lens system of the camera unit relative to an optical center of the lens system; and that the discrepancy is a minimum distance between the optical center of the lens system and the incident beam of light.

Claim 4 has been amended for consistency by specifying that the storage means stores the calibration information for each of said cameras.

Claim 7 has been amended by further defining that a computer-readable medium includes a computer program for a computer used for an apparatus; that the displacement of the incident beam of light from the reference point is a discrepancy of the incident beam of light relative to the optical center of the lens of the camera unit; and that the discrepancy is a minimum distance between the optical center and the incident beam of light.

Applicant respectfully submits that the above amendments to the claims are fully

supported by the original disclosure, including the specification, claims and drawings, especially Figure 2 and the discussion contained thereof at paragraphs [049]-[051]. Applicant also respectfully submits that no new matter is introduced into the application by the above amendments because all of the subject matter thereof was expressly or inherently disclosed in the original application.

Claim Rejections –35 USC §102

At item 6 of the Office Action, the Examiner rejected claims 2-3, 5, 7 and 13-14 under 35 USC §102(b) as anticipated by Tanabata et al. (US 2002-0196422).

Applicant's Response:

As stated above, applicant has amended claims 2-3 and 7. Upon careful consideration and in light of the above amendments, applicant respectfully traverses such rejection and submits that the rejection is overcome, and that each of claims 2-3, 5, 7 and 13-14 is patentably distinct over the teachings of Taniguchi.

Specifically, applicant respectfully submits that independent claims 2-3 and 7 have amended by incorporating allowable subject matter as described at item 10 of the Office Action, discussing reasons for allowance of claim 1.

For example, at item 10 of the Office Action, the Examiner indicated that the prior art fails to disclose: (1) calculating a discrepancy being a minimum distance between the optical

center and said incident beam of light; (2) the incident beam of light being directly projected from the object to the lens system; and (3) compensating the position of the object according to the discrepancy.

Applicant respectfully submits that each of independent claims 2-3 and 7 have been amended to include such limitations, e.g., a discrepancy being a minimum distance between the optical center and said incident beam of light, and that the total combination each of these claims in not taught or rendered obvious by the reference of record, considered either singly or in combination. Therefore, each of independent claims 2, 3 and 7 is believed to be in condition for allowance.

Also, claims 4, 5 and 14, each depending from claim 3, and claim 13 depending from claim 2 are believed to patentably distinct over the references of record for the reasons provided in relation to claims 2 and 3. Accordingly, each of claims 4, 5, 13 and 14 is believed to be in condition for allowance.

For all the foregoing reasons, applicant respectfully requests reconsideration and withdrawal of the Examiner's rejection of claims 2-3, 5, 7 and 13-14 under 35 USC §102(b), and allowance thereof.

Claim Rejections – 35 USC §103

At item 8 of the Office Action, the Examiner rejected claim 4 under 35 USC §103(a) as being unpatentable over a combination of Tanabata et al. and Day et al. (US 4,639,878).

As stated above, applicant amended claim 4. Also, as stated above, applicant has amended independent claim 3, from which claim 4 directly depends. Upon careful consideration and in light of the above amendment specifically to claim 3, applicant respectfully traverses such rejection and submits that the rejection is overcome and that claim 4 is patentably distinct over the applied references for the reasons stated in relation to claim 3, and further because whether considered singly or in combination thereof, the applied references fail to make the claimed invention obvious.

For all the foregoing reasons, applicant respectfully requests reconsideration and withdrawal of the Examiner's rejection of claim 4 under 35 USC §103(a), and allowance of same.

Conclusion

Based on all of the foregoing, applicant respectfully submits that all of the objections and rejections set forth in the Office Action are overcome, and that as presently amended, all of the pending claims are believed to be allowable over all of the references of record, whether considered singly or in combination.

Applicant requests reconsideration and withdrawal of the rejection of record, and allowance of the pending claims.

If the Examiner is not fully convinced of the patentability of all of the claims now in the application, applicant respectfully requests that the Examiner telephonically contact applicant's undersigned representative to expeditiously resolve any issues remaining in the prosecution of the application.

Favorable reconsideration is respectfully requested.

Respectfully submitted,



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